



Crop Progress and Condition

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In Cooperation with:
Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: August 9, 2021

Issue: 23-21

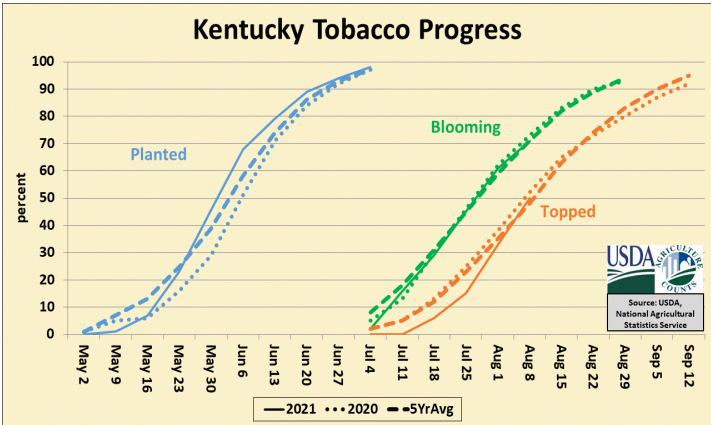
Agricultural News: Kentucky experienced below normal temperatures and much below normal rainfall over the past week. Precipitation for the week totaled 0.12 inches, 0.83 inches below normal. Temperatures averaged 72 degrees for the week, 4 degrees below normal. **Topsoil moisture** was rated 10 percent very short, 31 percent short, 55 percent adequate and 4 percent surplus. **Subsoil moisture** was rated 8 percent very short, 26 percent short, 61 percent adequate, and 5 percent surplus. Days suitable for fieldwork averaged 6.4 out of a possible seven.

Primary activities for this week included spraying, cutting hay, and topping tobacco. Mostly dry weather continued to prevail across the state. Although conducive to field work, the dry weather has taken a toll on both crops and livestock. Pastures are slow to regenerate and crops are beginning to stress and wilt in many areas. There were reports of corn aborting kernels and tipping back as well as soybeans showing stress as they attempt to fill pods. Ninety-three percent of the corn crop is in the silking stage while 73 percent of the crop is milking. Fifty percent of corn is doughing with 24 percent of the crop in the denting stage. Eighty-two percent of soybeans are blooming while 63 percent are setting pods. One percent of soybeans are coloring at this time. With 71 percent of the tobacco crop blooming, topping is 50 percent complete. The condition of corn, soybeans, and tobacco remain in mostly good condition however all three crops showed a slight decline this past week.

Farmers continue to cut hay as weather has been cooperative, however the quality is suffering for some due to drought. As pasture condition decline, farmers may start supplementing with hay. Some timely rain will be very good across the state.

SOIL MOISTURE for week ending 08/08/21

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	10	31	55	4
Subsoil	8	26	61	5



CROP PROGRESS for week ending 08/08/21

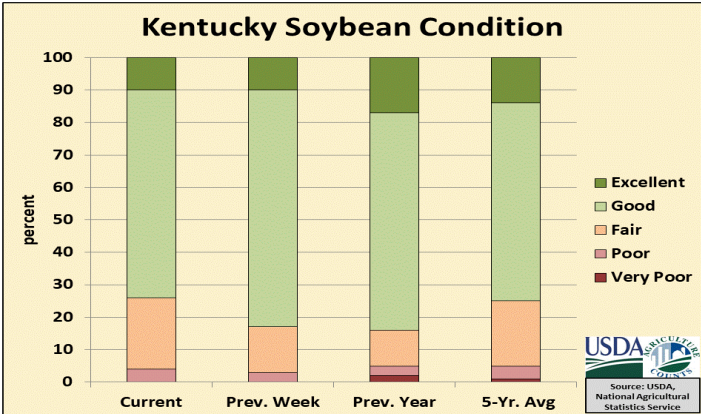
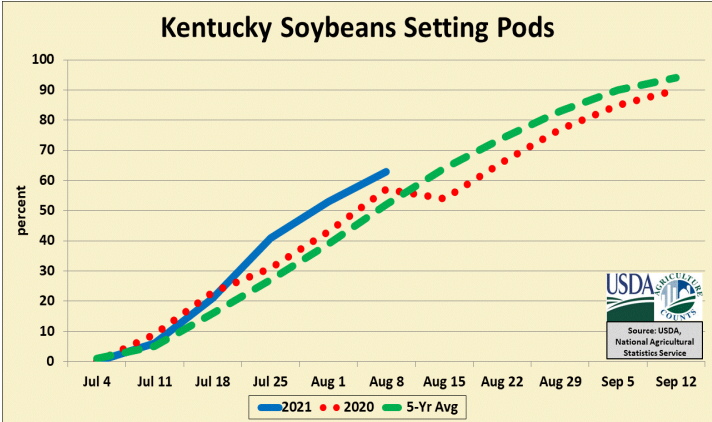
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	93	91	94	93
Corn Milked	73	62	79	75
Corn Dough	50	37	57	56
Corn Dent	24	16	35	34
Soybeans Blooming	82	74	76	74
Soybeans Setting Pods	63	53	57	52
Soybeans Coloring	1	-	4	3
Tobacco Blooming	71	61	73	71
Tobacco Topped	50	33	52	48

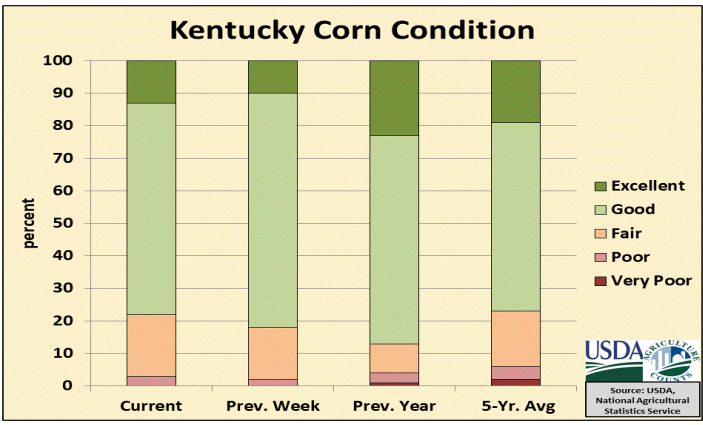
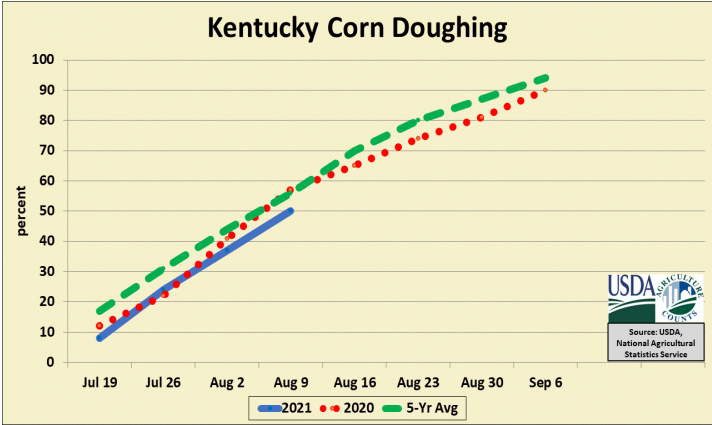
- Represents zero.

CROP CONDITIONS for week ending 08/08/21

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	-	3	19	65	13
Pasture	2	7	28	54	9
Soybeans	-	4	22	64	10
Tobacco Set	2	8	22	61	7

- Represents zero.





Kentucky Climate Summary
For the Period August 2, 2021 to August 8, 2021

Below Normal Temperatures and Much Below Normal Rainfall:

Outside of some scattered showers and storms across primarily the eastern half of Kentucky, it was another mostly dry week for the area. The western half of Kentucky and into the Bluegrass Region missed out on most of the rainfall and ahead of any showers late Sunday evening, this area was running about 1 to 2 inches below normal over the past two weeks. Those numbers extend to over two inches over the past three weeks. Most of the rain that was seen Sunday evening fell after the data cutoff and will be reflected on next week’s report. Outside of rainfall, temperatures ran on the cool and less humid side for much of the workweek, before returning to seasonable norms over the weekend.

Temperatures for the period averaged 72 degrees across the state which was 4 degrees cooler than normal and 6 degrees cooler than the previous period. High temperatures averaged from 85 in the West to 83 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. Low temperatures averaged from 61 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 5 degrees cooler than normal in the West to 1 degree cooler than normal in the East. The extreme high temperature for the period was 93 degrees at MADISONVILLE 4S and the extreme low was 52 degrees at CARLISLE 5SW.

Precipitation (liq. equ.) for the period totaled 0.12 inches statewide which was 0.83 inches below normal and 13% of normal. Precipitation totals by climate division, West 0.03 inches, Central 0.03 inches, Bluegrass 0.10 inches and East 0.31 inches, which was 0.88, 0.89, 0.82 and 0.72 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at ALEXANDRIA 5NW to a high of 2.81 inches at WHITESBURG 2NW.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 08/08/21 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	0.03	19.51	2.88	1.49	-1.36	86	58	73	-2	159	2,337	-87
Berea	0.00	18.22	3.90	-0.25	0.02	87	55	71	-4	149	2,091	-384
Bowling Green	0.00	15.29	2.22	-3.79	-1.74	92	60	76	1	184	2,679	161
Bristol	0.00	12.28	2.67	-3.60	-0.94	89	59	74	-1	166	2,162	-133
Buckhorn Lake	1.69	15.61	2.60	-2.18	-1.46	85	59	72	-3	151	2,176	-18
Cape Girardeau	0.00	18.56	3.39	1.03	0.21	92	56	74	-3	172	2,638	-1
Campbellsville	0.05	14.68	2.78	-5.96	-1.86	87	57	72	-3	158	2,236	-217
Covington	0.00	20.47	2.44	3.50	-1.16	90	59	74	-1	169	2,304	50
Cumberland Gap	0.00	16.49	2.23	-3.05	-2.29	87	58	72	-3	152	2,262	-16
Dix Dam	0.04	20.05	3.02	1.45	-1.19	87	55	72	-3	156	2,266	-147
Evansville	0.00	12.28	1.01	-4.82	-2.40	91	57	74	-3	170	2,537	30
Glasgow	0.01	18.71	2.35	-1.85	-2.12	89	56	73	-2	164	2,342	-93
Grayson	0.02	14.63	2.18	-2.93	-1.92	88	58	73	-2	162	2,193	53
Hardinsburg	0.01	17.76	0.92	-0.96	-3.13	88	54	71	-4	147	2,278	-253
Henderson	0.09	13.88	1.19	-3.63	-2.27	89	52	71	-6	144	2,321	-237
Huntington	0.00	22.90	4.53	5.39	0.33	88	60	74	-1	168	2,290	-22
Jackson	0.00	16.89	4.63	-1.79	0.21	88	63	74	-1	170	2,420	226
Lexington	0.24	19.25	1.38	1.23	-2.86	87	54	72	-3	154	2,167	-171
London	0.16	20.22	5.22	2.81	1.29	85	61	73	-2	159	2,286	-29
Louisville	0.00	16.59	1.10	-1.14	-2.72	92	62	78	3	194	2,766	271
Mayfield	1.31	22.62	5.58	3.71	1.69	86	56	71	-6	148	2,467	-95
Nashville	0.01	18.65	7.51	0.97	4.06	89	62	76	1	184	2,836	147
Nolin Lake	0.00	23.89	2.31	3.94	-1.92	88	58	74	-1	166	2,364	43
Paducah	0.00	19.88	3.55	0.83	-0.02	90	58	75	-2	172	2,706	102
Princeton	0.68	23.65	3.45	4.72	-0.35	88	56	72	-5	156	2,397	-200
Quicksand	0.00	16.07	2.84	-2.61	-1.58	88	58	73	-2	162	2,182	-12
Somerset	0.03	20.06	4.34	0.50	0.17	85	55	71	-4	144	2,122	-225
Spindletop	0.00	19.22	1.74	1.20	-2.50	86	61	73	-2	160	2,209	-129
Williamstown	0.00	20.11	2.14	2.29	-1.75	87	57	72	-3	152	2,103	-186

The above information is provided by Matthew Dixon, Senior Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.